

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU 99/00165

A. CLASSIFICATION OF SUBJECT MATTERInt Cl⁶: A01K 067/00, C12N 015/06, A61K 035/54

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

WPAT, Chem Abs: Keywords: pig/porcine* /swine ; clone/cloning ; nuclear transfer

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	H. Nagashima, R. Ashman, M. Nottle, Nuclear Transfer of Porcine Embryos Using Cryopreserved Delipitated Blastomeres as Donor Nuclei, November 1997, Molecular Reproduction and Development 48:339-343, (particularly p. 340 second column, line 50 - p. 341 first column line 29)	1 - 4 5 - 18
X,Y	R. Prather, M. Sims, N. First, 1989, Nuclear Transplantation in Early Pig Embryos, Biology of Reproduction 41, 414-418, (particularly p. 415 first column line 30 - 47, and p. 416 first column line 11 - second column line 18)	1 - 18
X	WO, A, 9707668 (Roslin Institute (Edinburgh)) 6 March 1997 (6.3.97), see p.22 line 19 - p. 25 line 8, and claims 1-3, 6, 13, 15-18	1 - 18

 Further documents are listed in the continuation of Box C See patent family annex

* Special categories of cited documents:	
"A" Document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

Date of the actual completion of the international search
12 April 1999Date of mailing of the international search report
16 APR 1999Name and mailing address of the ISA/AU
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO, A, 9707669 (Roslin Institute (Edinburgh)) 6 March 1997 (6.3.97) see p. 11 line 22 - p. 12 line 33, examples 1 - 4 and claims 1-3, 8-19	1 - 18
X	WO, A, 9516770 (ABS Global, Inc.) 22 June 1995 (22.6.95) see p. 17 line 16 - p. 19 line 6, examples 1,2 and claims	1 - 18
P,X	WO, A, 9837183 (PPL Therapeutics (Scotland) Limited) 27 August 1998 (27.8.98) see p. 21 line 3 - p. 24 line 4, p. 35 line 9 - p. 36, line 16, and claims 11, 16, 17	1 - 18
P,X	WO, A, 9830683 (University of Massachusetts) 16 July 1998 (16.7.98) see p. 18 line 17 - p 21 line 18, p. 49 - p. 56 and claims 1, 2, 8 - 13, 17 - 19, 73	1 - 18
P,X	WO, A, 9901164 (University of Massachusetts) 14 January 1999 (14.1.99) see p.13 line 2 - p. p. 15 line 12, p. 31 - 43, and claims 1 - 2866 - 68	1 - 18
P,X	WO, A, 9905266 (Wisconsin Alumni Research Foundation) 4 February 1999 (4.2.99) see whole specification, particularly 12 line 21 - p.13 line and claims	1 - 4
P,X	WO, A, 9901163 (University of Massachusetts) 14 January 1999 (14.1.99) see p. 31-37 and claims 1,2,8 - 13 17 - 19, 78, 83	1 - 18
A	R. Prather, P. Eichen, D. Nicks, M. Peters, Artificial Activation of Porcine Oocytes Matured In Vitro, April 1991, Molecular Reproduction and Development 28:405-409	1 - 18

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	9707668	AU	68309/96	CA	2229657	CN	1202085
		CZ	9800604	EP	847237	GB	2318792
		IL	123417	NO	980846	PL	325336
WO	9707669	AU	68310/96	CA	2229568	CN	1202084
		CZ	9800608	EP	849990	GB	2318578
		IL	123298	NO	980845	PL	325331
WO	9516770	AU	14395/95				
WO	9837813	AU	63362/98				
WO	9830683	AU	60145/98				
WO	9901164	-					
WO	9905266	-					
WO	9901163	-					

END OF ANNEX